



**Federal Express Tracking#: 8019 6577 2833**

March 1, 2013

Office of Enforcement and Compliance Assurance  
Office of Federal Activities  
International Compliance Assurance Division (2254A)  
Environmental Protection Agency  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

**Re: 2012 Annual Export Report  
Delaware City Refining Company  
EPA ID Number: DEN201000006**

Dear Administrator,

The Delaware City Refining Company LLC ("DCRC") is submitting this Annual Report for the 2012 calendar year for hazardous waste that was exported to a foreign country from our refinery located in Delaware City, DE. Please note that Omni Vision International, Inc. may have filed a similar report for the waste (Spent Hydrotreating Catalyst) identified in this report.

This report has been prepared in accordance with the requirements of 40 CFR 262.56.

**(a)(1) The EPA identification number, name, and mailing and site address of the exporter:**

EPA ID No. DEN201000006  
Delaware City Refining Company LLC  
4550 Wrangle Hill Road  
Delaware City, DE 19706

**(a)(2) The calendar year covered by the report:**

2012

received  
SDH 3/4/2013



**(a)(3) The name and site address of each consignee:**

Consignee #1 (Spent Hydrotreating Catalyst)

Young Sin Metal Working Company, LTD  
601 Yuha-RI, Jang Yu-MYUN  
Kimhae Korea 621-832  
Republic of Korea

Consignee #2 (Spent Hydrotreating Catalyst)

Young Sin Metal Working Company, LLC  
1206-11 Sing San-RI, Jinrang-EUP  
Kyungsan City  
Kyungsanbuk-Do, South Korea

Consignee #3 (Spent Hydrotreating Catalyst)

Union Corporation #548  
Okmyoung-Ri, Daesongmyon,  
Namqu, Pohang City  
Kyungsanbuk-Do, Korea

**(a)(4) By consignee, for each hazardous waste exported, a description of the hazardous waste, the EPA hazardous waste number (from 40 CFR part 261, subpart C or D), DOT hazard class, the name and US EPA ID number (where applicable) for each transporter used, the total amount of waste shipped and number of shipments pursuant to each notification:**

Consignee #1

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Clean Venture, Inc. (EPA ID# NJ0000027193) 100.5935 Tons, 9 shipments  
Freehold Cartage, Inc. (EPA ID# NJD054126164) 24.035 Tons, 2 shipments

Consignee #2

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.9975 Tons, 4 shipments

Consignee #3

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.0565 Tons, 4 shipments



**(a)(5) Except for hazardous waste produced by exporters of greater than 100 kg but less than 1000 kg in a calendar month, unless provided pursuant to §262.41, in even numbered years:**

**(i) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated; and**

The goal of the DCRC is to continuously reduce hazardous waste generation through process improvement and recycling. The DCRC constantly evaluates and optimizes production processes to extend the catalyst life. The DCRC also actively seeks opportunities for viable alternatives. The DCRC's preference is reclamation or reuse of these spent hydrotreating catalysts (K171) as we resort to landfilling or incineration if recycling efforts are deemed infeasible. As a result the spent hydrotreating catalysts were reclaimed for base metals at Young Sin Metal Working Company and Union Corporation in Korea.

**(ii) A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984:**

The volumes of the spent catalysts are driven by economics, product demand and process efficiency. A year-to-year comparison is not indicative of the DCRC's waste reduction efforts. Through metal reclamation at Union Corporation, approximately 10% of the molybdenum contained in the spent hydrotreating catalysts was reclaimed in 2012.

**(a)(6) A certification signed by the primary exporter:**

The certification is included as Attachment A

Please contact me at (302) 834-6212 or Michael.Hayes@pbfenergy.com if you have any questions regarding this information.

Sincerely,  
Delaware City Refining Company, LLC

A handwritten signature in black ink that reads "Michael Hayes". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Michael Hayes  
Environmental Engineer

Attachment A



## **Attachment A**

### **Certification by Primary Exporter**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Herman Seedorf

**Herman Seedorf, Refinery Manager**

3/1/13

**Date**



cc: Department of Natural Resources and Environmental Control  
Solid and Hazardous Waste Management Branch  
89 Kings Highway  
Dover, Delaware 19901

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00069

00100

**FedEx** Package  
Express **US Airbill**

FedEx Tracking Number **8019 6577 2833**

1 From Date **3/1/13**

Sender's Name **Mike Hayes** Phone **302 834-6212**

Company **DELAWARE CITY REFINING COMPANY**

Address **4550 WRANGLE HILL RD**

City **DELAWARE CITY** State **DE** ZIP **19706**

2 Your Internal Billing Reference

3 To Recipient's Name **Environmental Protection Agency**

Company **International Compliance Assurance**

Address **Office of Federal Activities**

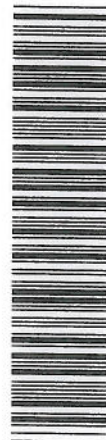
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address **1200 Pennsylvania Ave, NW**

Use this line for the HOLD location address or for continuation of your shipping address.

City **Washington** State **DC** ZIP **20460**

0101398499



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SPH1

Recipient's Copy

Form 10-10 0215

4 Express Package Service \* To most locations. NOTE: Service order has changed. Please select carefully.

Next Business Day

☐ FedEx First Overnight  
FedEx First Overnight delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Priority Overnight  
FedEx Priority Overnight delivery to select locations. Shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☒ FedEx Standard Overnight  
FedEx Standard Overnight delivery to select locations. Shipments will be delivered on Monday unless SATURDAY Delivery is selected.

2 or 3 Business Days

☐ FedEx 2Day A.M.  
FedEx 2Day A.M. delivery to select locations. Shipments will be delivered on Tuesday unless SATURDAY Delivery is selected.

☐ FedEx 2Day  
FedEx 2Day delivery to select locations. Shipments will be delivered on Tuesday unless SATURDAY Delivery is selected.

☐ FedEx Express Saver  
FedEx Express Saver delivery to select locations. Shipments will be delivered on Wednesday unless SATURDAY Delivery is selected.

5 Packaging \* Declared value limit \$500

☒ FedEx Envelope\* ☐ FedEx Pak\* ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery  
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required  
No signature required for delivery.

☐ Direct Signature  
Someone at recipient's address must sign for delivery. For applies.

☐ Indirect Signature  
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. For applies.

Does this shipment contain dangerous goods?

☒ No ☐ Yes ☐ Yes  
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment Bill to:

Sender ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below.

Obtain receipt. Acct. No. ☐

Total Packages ☐ Total Weight ☐ lbs.

Credit Card Auth. ☐

Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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